

Closure Report

D
APR 29 2013

NMOCD ARTESIA

Site Description	
Site Name:	Smokey Bits State Com #5H
Company:	Oxy Permian Ltd.
Legal Description:	U/L M, Section 36, T18S, R30E
County:	Eddy County, NM
GPS Coordinates:	N 32.69781° W 103.93297°

Release Data	
Date of Release:	08/14/2012
Type of Release:	Oil and Produced Water
Source of Release:	Frac tank bottom failure
Volume of Release:	15 bbls oil, 95 bbls produced water
Volume Recovered:	100 bbls

Remediation Specifications	
Remediation Parameters:	Excavate the entire impacted area to a depth of 1 foot. Backfill the excavation area with clean soil.
Remediation Activities:	03/18/2013 to 04/11/2013

Plan Sent to OCD:	12/17/2012	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/10/2013	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	Not required	Not required
BLM Approval of Plan:	Not required	Not required

Supporting Documentation	
Initial C-141	Signed 08/30/2012
Final C-141	Signed 04/25/2013
Site Diagram	August 2012
Groundwater Plot	>300'
TOPO Maps	August 2012
Lab Summary	10/01/2012
Lab Analysis	10/01/2012
Correspondence	Request and approval of remediation plan via email

Request for Closure	
Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.	
Cliff Brunson, President of BBC International Inc.	04/25/2013

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Smokey Bits State Com #5H	Facility Type	
Surface Owner	State	Mineral Owner	
		Lease No.	API#30-015-40070

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	36	18S	30E	330'	S	330'	W	Eddy County, NM

Latitude N 32.69781° Longitude W 103.93297°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	15 bbls oil, 95 bbls produced water	Volume Recovered	100 bbls
Source of Release	Frac tank bottom failure	Date and Hour of Occurrence	8/14/12	Date and Hour of Discovery	8/14/12
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD		
By Whom?	Christopher Jones	Date and Hour	8/14/12 @ 12:24 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

RECEIVED
 APR 29 2013
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Failure of a frac tank bottom caused 15 bbls of oil and 95 bbls of produced water to leak onto the ground. 100 bbls of produced water were recovered via vacuum truck.

Describe Area Affected and Cleanup Action Taken.*
Failure of a frac tank bottom caused 15 bbls of oil and 95 bbls of produced water to leak onto the ground. 90 bbls of produced water were recovered via vacuum truck. Remediation will be performed in accordance with an OCD-approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher.Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8-30-12	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary

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District Office in accordance
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side of form

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Smokey Bits State Com #5H	Facility Type	

Surface Owner	State	Mineral Owner		Lease No.	API#30-015-40070
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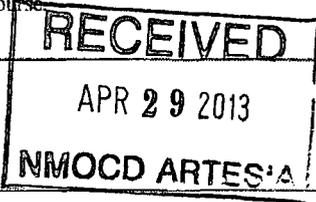
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	36	18S	30E	330'	S	330'	W	Eddy County, NM

Latitude N 32.69781° Longitude W 103.93297°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	15 bbls oil, 95 bbls produced water	Volume Recovered	100 bbls
Source of Release	Frac tank bottom failure	Date and Hour of Occurrence	8/14/12	Date and Hour of Discovery	8/14/12
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher- OCD		
By Whom?	Christopher Jones	Date and Hour	8/14/12 @ 12:24 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse			



If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Failure of a frac tank bottom caused 15 bbls of oil and 95 bbls of produced water to leak onto the ground. 100 bbls of produced water were recovered via vacuum truck.

Describe Area Affected and Cleanup Action Taken.*
Failure of a frac tank bottom caused 15 bbls of oil and 95 bbls of produced water to leak onto the ground. 90 bbls of produced water were recovered via vacuum truck. Remediation was completed in accordance with a remediation plan approved by Mike Bratcher of NMOCD via email on 01/10/2013.

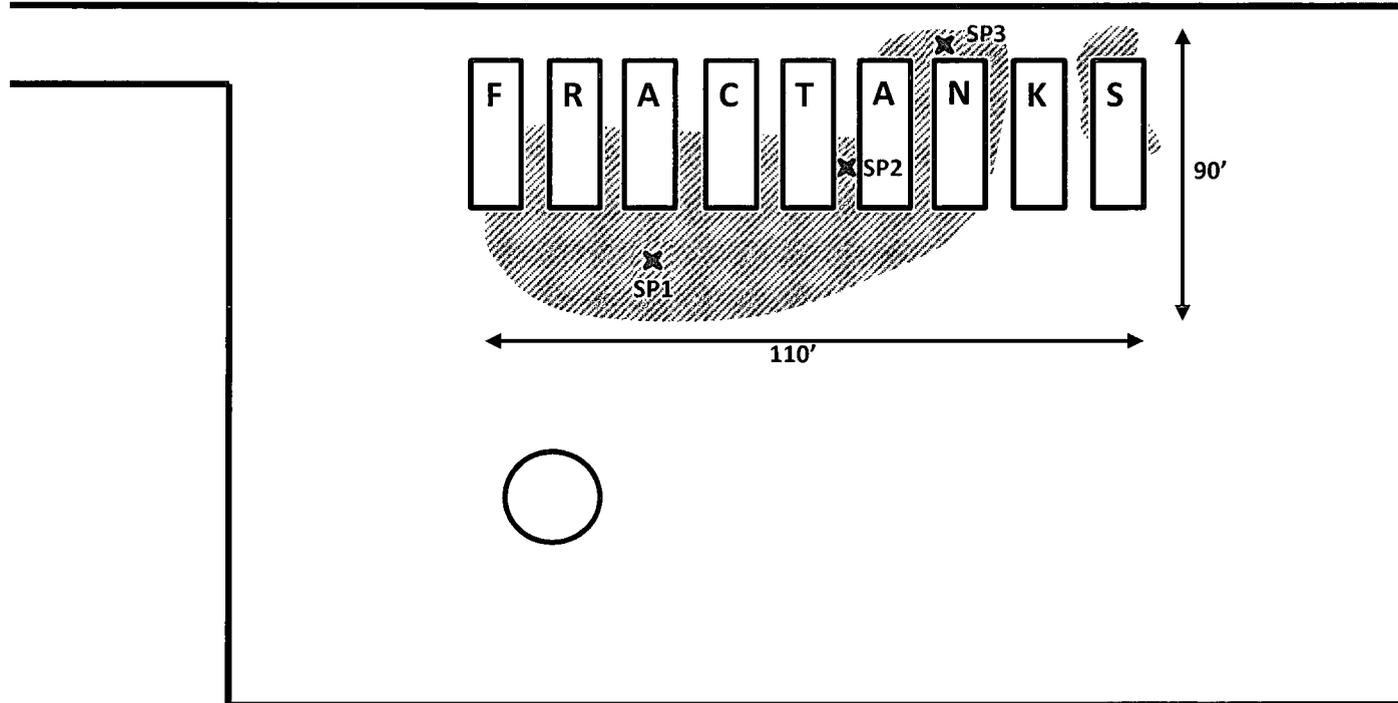
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:		OIL CONSERVATION DIVISION	
Printed Name:	Christopher Jones	Approved by District Supervisor:	
Title:	HES Specialist	Approval Date:	Expiration Date:
E-mail Address:	Christopher Jones@oxy.com	Conditions of Approval:	
Date:	4/25/13	Phone:	(575) 397-8216
			Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary



Oxy
Smokey Bits State Com #5H



U/L M, Section 36, T18S, R30E
330' FSL & 330' FWL
Eddy County, NM
N 32.69781° W 103.93297°
API# 30-015-40070

BBC International, Inc.	
Oxy	
Smokey Bits State Com #5H	
Date: 08/20/2012	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2012



Groundwater Plot

Oxy Smokey Bits State Com #5H

County
Eddy

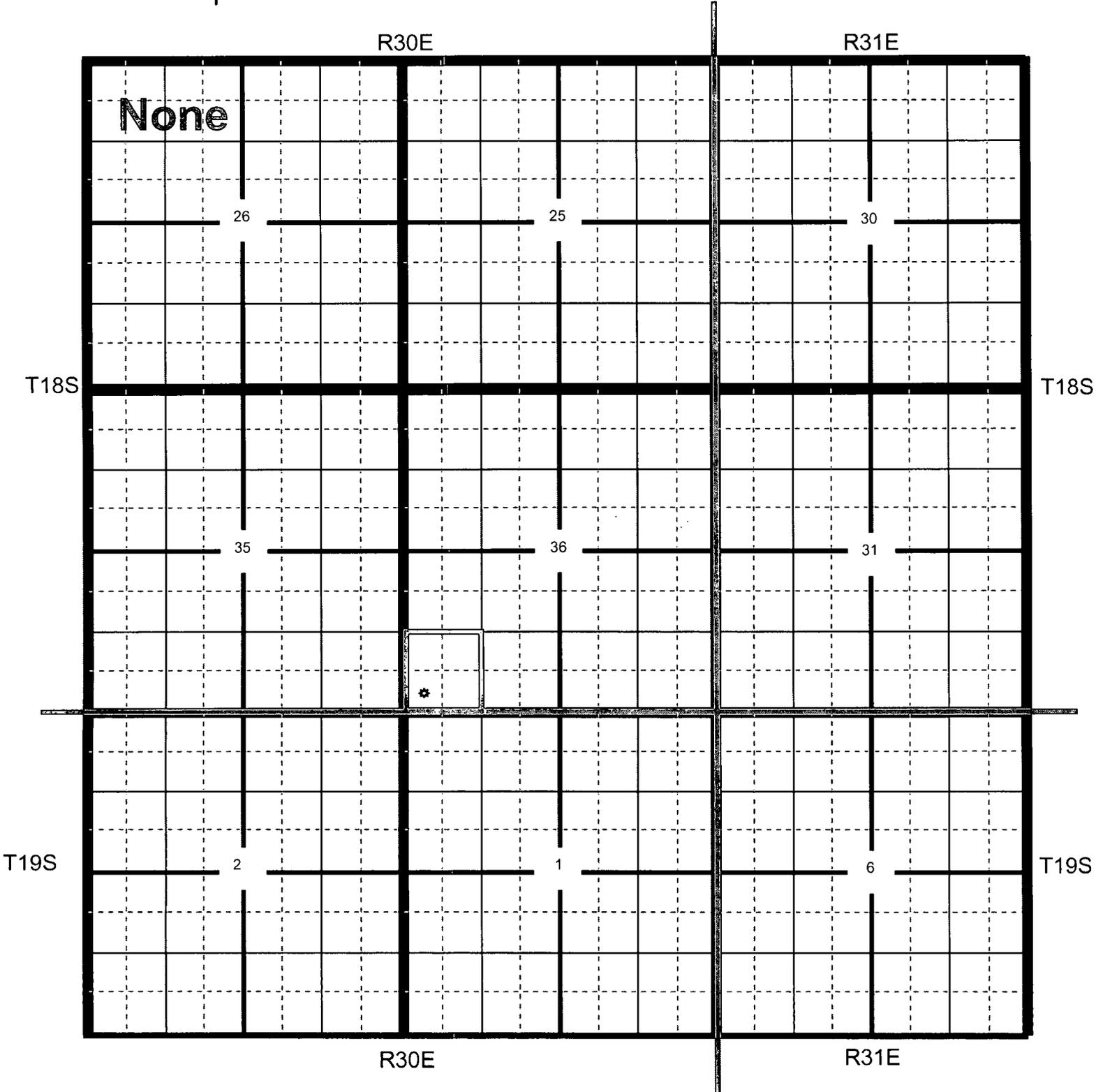
Unit Letter
M

Section
36

Township
18S

Range
30E

Trend Map >300'



★ Location

○ OCD

○ USGS

○ SEO

● All Databases

Oxy Smokey Bits State Com #5H

County Eddy Unit Letter M Section 36 Township 18S Range 30E

Trend Map >300'

1

2

NW/NW None	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW 	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

 Location

OCD

USGS

SEO

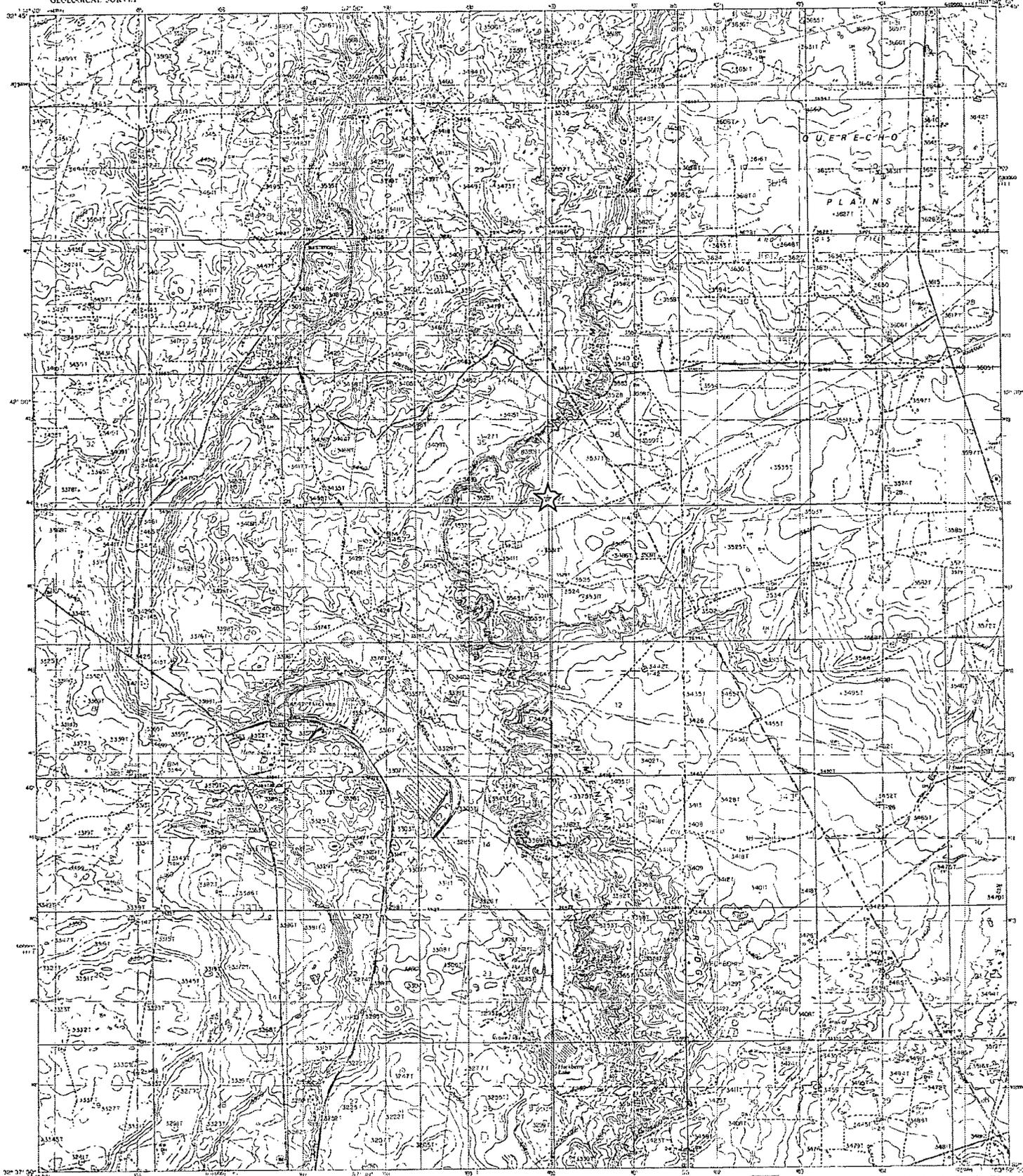
All Databases

Oxy

Smokey Bits State Com #5H

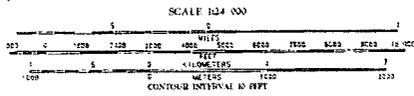
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HACKBERRY LAKE QUADRANGLE
NEW MEXICO-EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTOUR INTERVAL 10 FEET
CONTINUED FROM AERIAL PHOTOGRAPHIC DATA
DATE OF PHOTOGRAPHY 1965
DATE OF MAP 1965
SCALE 1:25,000
CONTOUR INTERVAL 10 FEET

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.



ROAD LEGEND

1	2	3	4	5
6	7	8	9	10

QUADRANGLE LOCATION

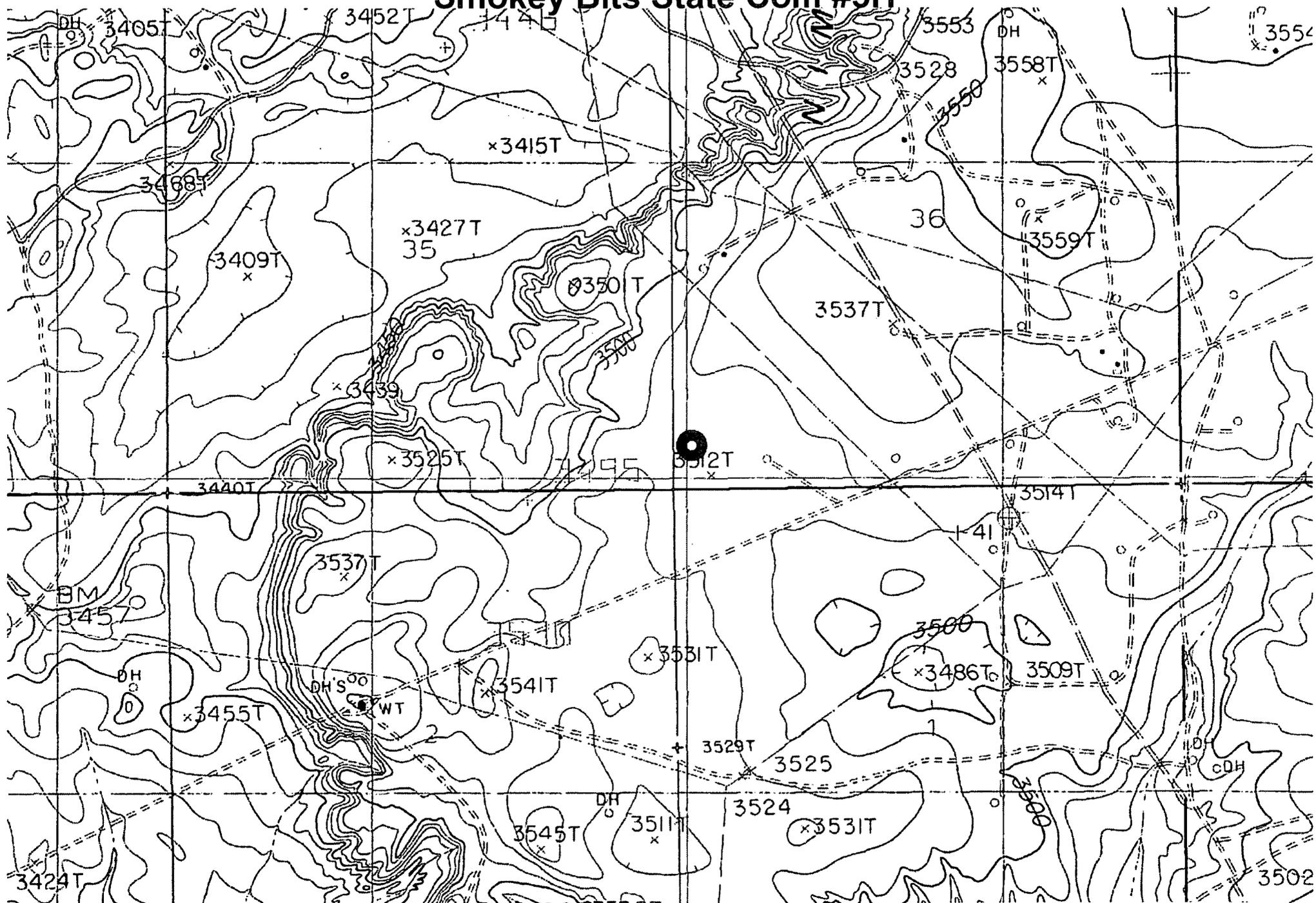
NEW MEXICO

HACKBERRY LAKE, NEW MEXICO
PROVISIONAL EDITION 1965
122516-7-02A

THIS MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DISTRICT COLORADO BUREAU
(OF RITON, VIRGINIA 2202)

Oxy

Smokey Bits State Com #5H



**Laboratory Analytical Results Summary
OXY, Smokey Bits State Com #5H**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	10/1/12	10/1/12	10/1/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Chloride	SM4500Cl-B		304	208	32
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	10/1/12	10/1/12
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		0.155	<0.150
Chloride	SM4500Cl-B		432	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		62.8	13.6

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	10/1/12	10/1/12	10/1/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Chloride	SM4500Cl-B		16	32	32
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		52.1	43.1	<10.0

October 09, 2012

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SMOKEY BITS STATE COM #5H

Enclosed are the results of analyses for samples received by the laboratory on 10/02/12 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 1 @ 1' (H202399-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	10/05/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	<10.0	10.0	10/04/2012	ND	186	93.1	200	1.39		

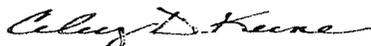
Surrogate: 1-Chlorooctane 92.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.1 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 1 @ 2' (H202399-02)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIC) 98.9 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/05/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	<10.0	10.0	10/04/2012	ND	186	93.1	200	1.39		

Surrogate: 1-Chlorooctane 86.9 % 65.2-140
Surrogate: 1-Chlorooctadecane 87.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 1 @ 3' (H202399-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIC) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/05/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	<10.0	10.0	10/04/2012	ND	186	93.1	200	1.39		

Surrogate: 1-Chlorooctane 93.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.1 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 2 @ 1' (H202399-04)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	0.155	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	10/05/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	62.8	10.0	10/04/2012	ND	186	93.1	200	1.39		

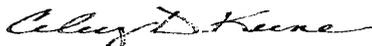
Surrogate: 1-Chlorooctane 95.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.6 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 2 @ 2' (H202399-05)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIC) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/05/2012	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	13.6	10.0	10/04/2012	ND	186	93.1	200	1.39		

Surrogate: 1-Chlorooctane 90.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.7 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 3 @ 1' (H202399-06)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/05/2012	ND	416	104	400	3.92		

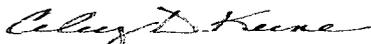
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	52.1	10.0	10/04/2012	ND	186	93.1	200	1.39		

Surrogate: 1-Chlorooctane 92.6 % 65.2-140
Surrogate: 1-Chlorooctadecane 92.3 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 3 @ 2' (H202399-07)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/05/2012	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	43.1	10.0	10/04/2012	ND	186	93.1	200	1.39		

Surrogate: 1-Chlorooctane 95.2 % 65.2-140
Surrogate: 1-Chlorooctadecane 95.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	10/02/2012	Sampling Date:	10/01/2012
Reported:	10/09/2012	Sampling Type:	Soil
Project Name:	SMOKEY BITS STATE COM #5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NEW MEXICO		

Sample ID: SP 3 @ 3' (H202399-08)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2012	ND	2.17	109	2.00	1.56		
Toluene*	<0.050	0.050	10/06/2012	ND	1.97	98.3	2.00	1.36		
Ethylbenzene*	<0.050	0.050	10/06/2012	ND	1.95	97.7	2.00	0.863		
Total Xylenes*	<0.150	0.150	10/06/2012	ND	5.75	95.8	6.00	0.915		

Surrogate: 4-Bromofluorobenzene (PIC) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/05/2012	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/04/2012	ND	190	94.9	200	0.855		
DRO >C10-C28	<10.0	10.0	10/04/2012	ND	186	93.1	200	1.39		

Surrogate: 1-Chlorooctane 95.7 % 65.2-140
Surrogate: 1-Chlorooctadecane 95.6 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Thursday, January 10, 2013 11:47 AM
To: Cliff P. Brunson
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Oxy Smokey Bits State Com #5H

Reference: OXY USA * Smokey Bits St Com 5H * 30-015-40070 * M-36-18s-30e * Eddy County, New Mexico
NMOCD Reference Number: 2RP-1285 * Date of release: 8/14/12

Cliff,

Your proposal for remediation of the above referenced release is approved. Please proceed on your schedule.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, December 17, 2012 6:53 PM
To: Bratcher, Mike, EMNRD
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy Smokey Bits State Com #5H

Mike,

This e-mail is to confirm our discussion on December 17, 2012 concerning the remediation plan for the release that occurred at the Oxy Smokey Bits State Com #5H. I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. As agreed, Oxy will excavate 1 foot across the entire impacted area as depicted on the attached site diagram. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 300 feet.

If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
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